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DECLARATION, POWER OF ATTORNEY, AND PETITION

To The Commissioner of Patents and Trademarks:

I, Max P. McDaniel, declare:

that I am a citizen of the United States of America residing at 1601 Melmart Drive, Bartlesville, Oklahoma 74006 and having a post office address of 1601 Melmart Drive, Bartlesville, Oklahoma 74006;

that I have reviewed and understand the contents of the attached specification and claims and I verily believe I, Shirley J. Martin, Kathy S. Collins and Marvin M. Johnson are the original, first, and joint inventors or discoverers of the invention or discovery in described and claimed therein and for which a patent is sought;

I acknowledge my duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37 Code of Federal Regulations § 1.56;

and I hereby appoint Edward L. Bowman, Registration No. 27,116; Carl D. Corvin, Registration No. 34,569; Ryan N. Cross, Registration No. 33,861; Beverly M. Dollar, Registration No. 32,870; John M. Fish, Jr., Registration No. 25,863; Gary L. Haag, Registration No. 35,529; Bion E. Hitchcock, Registration No. 26,613; Lynda S. Jolly, Registration No. 32,736; Allen W. Richmond, Registration No. 28,662; Lucas K. Shay, Registration No. 34,724; and Charles W. Stewart, Registration No. 34,023; who comprise the firm of **Richmond, Hitchcock, Fish & Dollar, P. O. Box 2443, Bartlesville, Oklahoma, 74005**, Registration No. 20,286; and Archie W. Umphlett, Registration No. 25,935, each attorney a member of the Bar of the State of Oklahoma or the District of Columbia; my representatives with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

I declare further that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of this application or any patent issuing thereon.

Wherefore I pray that Letters Patent be granted to Phillips Petroleum Company, a corporation organized and existing under the laws of the State of Delaware and domiciled and having an office at Bartlesville, Oklahoma, as assignee, for the invention or discovery described and claimed in the foregoing specification and claims, and I hereby subscribe my name to the foregoing specification and claims, declaration, power of attorney and this petition.

Correspondence Address:
c/o **RICHMOND, HITCHCOCK,
FISH & DOLLAR
P.O. Box 2443
Bartlesville, Oklahoma 74005**

Inventor Max P. McDaniel
Max P. McDaniel

Date May 11, 1998

DECLARATION, POWER OF ATTORNEY, AND PETITION

To The Commissioner of Patents and Trademarks:

I, Shirley J. Martin, declare:

that I am a citizen of the United States of America residing at 636 SE Kenwood Drive, Bartlesville, Oklahoma 74006 and having a post office address of 636 SE Kenwood Drive, Bartlesville, Oklahoma 74006;

that I have reviewed and understand the contents of the attached specification and claims and I verily believe I, Max P. McDaniel, Kathy S. Collins and Marvin M. Johnson are the original, first, and joint inventors or discoverers of the invention or discovery in described and claimed therein and for which a patent is sought;

I acknowledge my duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37 Code of Federal Regulations § 1.56;

and I hereby appoint Edward L. Bowman, Registration No. 27,116; Carl D. Corvin, Registration No. 34,569; Ryan N. Cross, Registration No. 33,861; Beverly M. Dollar, Registration No. 32,870; John M. Fish, Jr., Registration No. 25,863; Gary L. Haag, Registration No. 35,529; Bion E. Hitchcock, Registration No. 26,613; Lynda S. Jolly, Registration No. 32,736; Allen W. Richmond, Registration No. 28,662; Lucas K. Shay, Registration No. 34,724; and Charles W. Stewart, Registration No. 34,023; who comprise the firm of **Richmond, Hitchcock, Fish & Dollar, P. O. Box 2443, Bartlesville, Oklahoma, 74005**, Registration No. 20,286; and Archie W. Umphlett, Registration No. 25,935, each attorney a member of the Bar of the State of Oklahoma or the District of Columbia; my representatives with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

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Correspondence Address:

c/o **RICHMONT, HITCHCOCK,
FISH & DOLLAR
P.O. Box 2443
Bartlesville, Oklahoma 74005**

Inventor

Shirley J. Martin
Shirley J. Martin

Date

May 11, 1998

DECLARATION, POWER OF ATTORNEY, AND PETITION

To The Commissioner of Patents and Trademarks:

I, Kathy S. Collins, declare:

that I am a citizen of the United States of America residing at 3915 Silver Lake Drive, Bartlesville, Oklahoma 74006 and having a post office address of 3915 Silver Lake Drive, Bartlesville, Oklahoma 74006;

that I have reviewed and understand the contents of the attached specification and claims and I verily believe I, Max P. McDaniel, Shirley J. Martin and Marvin M. Johnson are the original, first, and joint inventors or discoverers of the invention or discovery in described and claimed therein and for which a patent is sought;

I acknowledge my duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37 Code of Federal Regulations § 1.56;

and I hereby appoint Edward L. Bowman, Registration No. 27,116; Carl D. Corvin, Registration No. 34,569; Ryan N. Cross, Registration No. 33,861; Beverly M. Dollar, Registration No. 32,870; John M. Fish, Jr., Registration No. 25,863; Gary L. Haag, Registration No. 35,529; Bion E. Hitchcock, Registration No. 26,613; Lynda S. Jolly, Registration No. 32,736; Allen W. Richmond, Registration No. 28,662; Lucas K. Shay, Registration No. 34,724; and Charles W. Stewart, Registration No. 34,023; who comprise the firm of **Richmond, Hitchcock, Fish & Dollar, P. O. Box 2443, Bartlesville, Oklahoma, 74005**, Registration No. 20,286; and Archie W. Umphlett, Registration No. 25,935, each attorney a member of the Bar of the State of Oklahoma or the District of Columbia; my representatives with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

I declare further that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of this application or any patent issuing thereon.

Wherefore I pray that Letters Patent be granted to Phillips Petroleum Company, a corporation organized and existing under the laws of the State of Delaware and domiciled and having an office at Bartlesville, Oklahoma, as assignee, for the invention or discovery described and claimed in the foregoing specification and claims, and I hereby subscribe my name to the foregoing specification and claims, declaration, power of attorney and this petition.

Correspondence Address:

c/o **RICHMOND, HITCHCOCK,
FISH & DOLLAR
P.O. Box 2443
Bartlesville, Oklahoma 74005**

Inventor

Kathy S. Collins
Kathy S. Collins

Date

May 11, 1998

DECLARATION, POWER OF ATTORNEY, AND PETITION

To The Commissioner of Patents and Trademarks:

I, Marvin M. Johnson, declare:

that I am a citizen of the United States of America residing at 4413 SE Woodland Road, Bartlesville, Oklahoma 74006 and having a post office address of 4413 SE Woodland Road, Bartlesville, Oklahoma 74006;

that I have reviewed and understand the contents of the attached specification and claims and I verily believe I, Max P. McDaniel, Shirley J. Martin and Kathy S. Collins are the original, first, and joint inventors or discoverers of the invention or discovery in described and claimed therein and for which a patent is sought;

I acknowledge my duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37 Code of Federal Regulations § 1.56;

and I hereby appoint Edward L. Bowman, Registration No. 27,116; Carl D. Corvin, Registration No. 34,569; Ryan N. Cross, Registration No. 33,861; Beverly M. Dollar, Registration No. 32,870; John M. Fish, Jr., Registration No. 25,863; Gary L. Haag, Registration No. 35,529; Bion E. Hitchcock, Registration No. 26,613; Lynda S. Jolly, Registration No. 32,736; Allen W. Richmond, Registration No. 28,662; Lucas K. Shay, Registration No. 34,724; and Charles W. Stewart, Registration No. 34,023; who comprise the firm of **Richmond, Hitchcock, Fish & Dollar, P. O. Box 2443, Bartlesville, Oklahoma, 74005**, Registration No. 20,286; and Archie W. Umphlett, Registration No. 25,935, each attorney a member of the Bar of the State of Oklahoma or the District of Columbia; my representatives with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

I declare further that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of this application or any patent issuing thereon.

Wherefore I pray that Letters Patent be granted to Phillips Petroleum Company, a corporation organized and existing under the laws of the State of Delaware and domiciled and having an office at Bartlesville, Oklahoma, as assignee, for the invention or discovery described and claimed in the foregoing specification and claims, and I hereby subscribe my name to the foregoing specification and claims, declaration, power of attorney and this petition.

Correspondence Address:
c/o **RICHMOND, HITCHCOCK,
FISH & DOLLAR
P.O. Box 2443
Bartlesville, Oklahoma 74005**

Inventor Marvin M. Johnson
Marvin M. Johnson

Date May 12, 1998



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

AUGUST 10, 1998

PTAS

RICHMOND, HITCHCOCK, ETAL.
CARL D. CORVIN
P.O. BOX 2443
BARTLESVILLE, OKLAHOMA 74005



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PATENT
DIVISION

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UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION
OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS
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REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE
INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA
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RECORDATION DATE: 05/18/1998

REEL/FRAME: 9212/0556
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

MCDANIEL, MAX P.

DOC DATE: 05/11/1998

ASSIGNOR:

MARTIN, SHIRLEY J.

DOC DATE: 05/11/1998

ASSIGNOR:

COLLINS, KATHY S.

DOC DATE: 05/11/1998

ASSIGNOR:

JOHNSON, MARVIN M.

DOC DATE: 05/12/1998

ASSIGNEE:

PHILLIPS PETROLEUM COMPANY
BARTLESVILLE, OKLAHOMA 74004

SERIAL NUMBER: 09081480
PATENT NUMBER:

FILING DATE: 05/18/1998
ISSUE DATE:

9212/0556 PAGE 2

DOROTHY RILEY, PARALEGAL
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

06-09-1998

33634US



IN THE UNITED

RK OFFICE

MRO 5-18-98

100731774

In re Application of: Max P. McDaniel, Shirley J. Martin, Kathy S. Collins and Marvin M. Johnson

For: COMPOSITIONS THAT PRODUCE POLYMERS

PATENT RECORDATION FORM COVER LETTER

1511 U.S. PRO
09/08/1480
05/18/98

Honorable Commissioner of Patents and Trademarks
Washington, D. C. 20231

Sir:

Please record the attached, original, executed assignment for the above-identified patent application.

1. The name(s) of the conveying party(ies) and the date(s) the patent application was executed:
Max P. McDaniel--May 11, 1998, Shirley J. Martin--May 11, 1998
Kathy S. Collins--May 11, 1998, Marvin M. Johnson--May 12, 1998
2. The name and address of the receiving party is:
Name: Phillips Petroleum Company, a corporation of Delaware, having a place of
business at Bartlesville, in the county of Washington, in the state of Oklahoma.
Address: Bartlesville, Oklahoma 74004
3. Nature of conveyance: Assignment executed on same date(s) as the patent application
4. This document is filed together with the above-identified new application executed on the date(s)
shown in item 1 above.
5. Correspondence concerning this document should be addressed to:
RICHMOND, HITCHCOCK, FISH & DOLLAR
P. O. Box 2443
Bartlesville, Oklahoma 74005
6. This document involves one (1) patent application.
7. Please charge the total fee (37 CFR 3.41) of \$40.00 to Deposit Account 16-1575.

To the best of my knowledge and belief, the foregoing information is true and correct and any
attached copy is a true copy of the original document.

Respectfully submitted,
RICHMOND, HITCHCOCK,
FISH & DOLLAR

06/05/1998 DNGUYEN 00000108 161575 09081480

01 FC:581 40.00 CH

By Carl D. Corvin
Carl D. Corvin
Registration No. 34,569

PATENT OFFICE USE ONLY

ASSIGNMENT

WHEREAS, we, Max P. McDaniel, Shirley J. Martin, Kathy S. Collins and Marvin M. Johnson of Bartlesville, Oklahoma have made a certain invention entitled:

which is described and claimed in that application for Letters Patent of the United States having attorneys docket designation 33634US,

and WHEREAS, Phillips Petroleum Company, a corporation of Delaware, is desirous of acquiring an interest in said invention,

NOW, THEREFORE, in consideration of one dollar, receipt of which is hereby acknowledged, and other good and valuable consideration, we, Max P. McDaniel, Shirley J. Martin, Kathy S. Collins and Marvin M. Johnson by these presents do sell, assign, and transfer unto Phillips Petroleum Company the full and exclusive right, for the territory of the United States of America and for all foreign countries, in and to the said invention, as described in said application executed on even dates herewith, preparatory to obtaining Letters Patent of the United States therefor; said invention, application and Letters Patent to be held and enjoyed by the said Phillips Petroleum Company, for its own use and behalf, and for its legal representatives, to the full end of the term for which said patent or patents may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made.

AND we do further agree to sign all papers, make all rightful oaths and do all requisite acts for the filing of any disclaimer or for the filing and assignment of any divisional, continuing, reissue or foreign application or applications based on the present application.

AND we do further agree to communicate to Phillips Petroleum Company, its successors, assigns or other legal representatives, such facts relating to said invention as may be known to us, and to testify as to such facts in any prosecution, interference or litigation.

Executed by the undersigned on the dates indicated.

In the presence of

<u>Nancy W. Clebert</u> Witness	<u>Max P. McDaniel</u> Max P. McDaniel	<u>May 11 1998</u> Date
<u>Nancy W. Clebert</u> Witness	<u>Shirley J. Martin</u> Shirley J. Martin	<u>May 11, 1998</u> Date
<u>Nancy W. Clebert</u> Witness	<u>Kathy S. Collins</u> Kathy S. Collins	<u>May 11, 1998</u> Date
<u>Ann M. Packard</u> Witness	<u>Marvin M. Johnson</u> Marvin M. Johnson	<u>May 12, 1998</u> Date

Post Office Address:

RICHMOND, HITCHCOCK, FISH & DOLLAR
P.O. B x 2443
Bartlesville, Oklahoma 74005

ASSIGNMENT

WHEREAS, we, Max P. McDaniel, Shirley J. Martin, Kathy S. Collins and Marvin M. Johnson of Bartlesville, Oklahoma have made a certain invention entitled:

which is described and claimed in that application for Letters Patent of the United States having attorneys docket designation 33634US,

and WHEREAS, Phillips Petroleum Company, a corporation of Delaware, is desirous of acquiring an interest in said invention,

NOW, THEREFORE, in consideration of one dollar, receipt of which is hereby acknowledged, and other good and valuable consideration, we, Max P. McDaniel, Shirley J. Martin, Kathy S. Collins and Marvin M. Johnson by these presents do sell, assign, and transfer unto Phillips Petroleum Company the full and exclusive right, for the territory of the United States of America and for all foreign countries, in and to the said invention, as described in said application executed on even dates herewith, preparatory to obtaining Letters Patent of the United States therefor; said invention, application and Letters Patent to be held and enjoyed by the said Phillips Petroleum Company, for its own use and behalf, and for its legal representatives, to the full end of the term for which said patent or patents may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made.

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AND we do further agree to communicate to Phillips Petroleum Company, its successors, assigns or other legal representatives, such facts relating to said invention as may be known to us, and to testify as to such facts in any prosecution, interference or litigation.

Executed by the undersigned on the dates indicated.

In the presence of

<u>Nancy W. Ciletti</u> Witness	<u>Max P. McDaniel</u> Max P. McDaniel	<u>May 11, 1998</u> Date
<u>Nancy W. Ciletti</u> Witness	<u>Shirley J. Martin</u> Shirley J. Martin	<u>May 11, 1998</u> Date
<u>Nancy W. Ciletti</u> Witness	<u>Kathy S. Collins</u> Kathy S. Collins	<u>May 11, 1998</u> Date
<u>Ann M. Packard</u> Witness	<u>Marvin M. Johnson</u> Marvin M. Johnson	<u>May 12, 1998</u> Date

Post Office Address:

RICHMOND, HITCHCOCK, FISH & DOLLAR
P.O. Box 2443
Bartlesville, Oklahoma 74005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Max P. McDaniel, Shirley J. Martin, Kathy S. Collins and Marvin M. Johnson

For: COMPOSITIONS THAT PRODUCE POLYMERS

PATENT RECORDATION FORM COVER LETTER

Honorable Commissioner of Patents and Trademarks
Washington, D. C. 20231

Sir:

Please record the attached, original, executed assignment for the above-identified patent application.

1. The name(s) of the conveying party(ies) and the date(s) the patent application was executed:
Max P. McDaniel--May 11, 1998, Shirley J. Martin--May 11, 1998
Kathy S. Collins--May 11, 1998, Marvin M. Johnson--May 12, 1998
2. The name and address of the receiving party is:
Name: Phillips Petroleum Company, a corporation of Delaware, having a place of
business at Bartlesville, in the county of Washington, in the state of Oklahoma.
Address: Bartlesville, Oklahoma 74004
3. Nature of conveyance: Assignment executed on same date(s) as the patent application
4. This document is filed together with the above-identified new application executed on the date(s) shown in item 1 above.
5. Correspondence concerning this document should be addressed to:
RICHMOND, HITCHCOCK, FISH & DOLLAR
P. O. Box 2443
Bartlesville, Oklahoma 74005
6. This document involves one (1) patent application.
7. Please charge the total fee (37 CFR 3.41) of \$40.00 to Deposit Account 16-1575.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Respectfully submitted,
RICHMOND, HITCHCOCK,
FISH & DOLLAR

By Carl D. Corvin
Carl D. Corvin
Registration No. 34,569

PATENT OFFICE USE ONLY

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
)
Max P. McDaniel, et al.)
) Art Unit: 1713
 Serial No. 10/357,212)
) Examiner: **Lu, C. Caixia**
 Filed: February 4, 2003)
)
 For: **A Polymerization Process Utilizing an**)
Organometal Compound,)
Organoaluminum Compound and a)
Solid Mixed Oxide Compound)

POWER OF ATTORNEY

Assistant Commissioner for Patents
 Washington, DC 20231

Sir:

The undersigned assignee hereby **REVOKES** any and all powers of attorney previously given in the above-identified application; and

The undersigned assignee hereby **APPOINTS** practitioners at Customer Number ~~23370~~
 35395

35395

35395

PATENT TRADEMARK OFFICE

Direct telephone calls at 404-815-6500, to Jeffery B. Arnold.

Assignee: **Phillips Petroleum Company**

Date: APR 30 2003

By:

Signature

Name (please print)

Lynda S. Jolly
Attorney-in-Fact

Title (please print)